

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 40 of 77 returned.**☐ 1. Document ID: US 6432703 B1

L21: Entry 1 of 77

File: USPT

Aug 13, 2002

US-PAT-NO: 6432703

DOCUMENT-IDENTIFIER: US 6432703 B1

TITLE: RATC from Streptococcus pneumoniae

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kallender; Howard	King of Prussia	PA		

US-CL-CURRENT: 435/325; 435/320.1, 536/23.7

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">FMMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 2. Document ID: US 6426074 B1

L21: Entry 2 of 77

File: USPT

Jul 30, 2002

US-PAT-NO: 6426074

DOCUMENT-IDENTIFIER: US 6426074 B1

TITLE: Group B Streptococcus vaccine

DATE-ISSUED: July 30, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michel; James L.	Chestnut Hill	MA		
Madoff; Lawrence C.	Brookline	MA		
Kasper; Dennis L.	Newton Centre	MA		

US-CL-CURRENT: 424/244.1; 424/184.1, 424/193.1, 424/197.11, 424/203.1, 530/350, 536/123.1

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">FMMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 3. Document ID: US 6406883 B1

L21: Entry 3 of 77

File: USPT

Jun 18, 2002

US-PAT-NO: 6406883

DOCUMENT-IDENTIFIER: US 6406883 B1

TITLE: Lmb gene of Streptococcus agalactiae

DATE-ISSUED: June 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lutticken; Rudolf	D 52072 Aachen			DE
Podbielski; Andreas	D 89075, Ulm			DE
Rozdzinski; Eva	D 89077, Ulm			DE
Spellerberg; Barbara	D 52077, Aachen			DE

US-CL-CURRENT: 435/69.1; 424/244.1, 435/243, 435/252.3, 435/253.4, 435/320.1, 435/69.3, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6372222 B1

L21: Entry 4 of 77

File: USPT

Apr 16, 2002

US-PAT-NO: 6372222

DOCUMENT-IDENTIFIER: US 6372222 B1

TITLE: Antigenic group B Streptococcus type II and type III polysaccharide fragments having a 2, 5-anhydro-D-mannose terminal structure and conjugate vaccine thereof

DATE-ISSUED: April 16, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michon; Francis	Laurel	MD		
Uitz; Catherine	Arlington	VA		
Tai; Joseph Y.	Fort Washington	PA		

US-CL-CURRENT: 424/197.11; 424/184.1, 424/193.1, 424/194.1, 424/203.1, 424/234.1, 424/236.1, 424/244.1, 424/831, 514/23, 514/54, 536/123.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 5. Document ID: US 6346395 B1

L21: Entry 5 of 77

File: USPT

Feb 12, 2002

US-PAT-NO: 6346395

DOCUMENT-IDENTIFIER: US 6346395 B1

TITLE: Nucleic acids encoding Streptococcus pneumoniae FabG

DATE-ISSUED: February 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chalker; Alison Francis	Trappe	PA		
Debouck; Christine	Wayne	PA		
Holmes; David John	West Chester	PA		
Ingraham; Karen Anne	Auburn	PA		
Jaworski; Deborah Dee	West Chester	PA		
Kosmatka; Anna Lisa	Doylestown	PA		
McDevitt; Damien	Berwyn	PA		
Mooney; Jeffrey	Limerick	PA		
Pearson; Stewart C	Berwyn	PA		
So; Chi Yong	Havertwon	PA		
Wallis; Nicola Gail	Wayne	PA		
Wang; Min	Blue Bell	PA		
Warren; Richard Lloyd	Blue Bell	PA		
Zhong; Yi Yi	Audubon	PA		

US-CL-CURRENT: [435/69.1](#); [435/252.3](#), [435/320.1](#), [435/325](#), [536/23.1](#), [536/23.7](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 6. Document ID: US 6342223 B1

L21: Entry 6 of 77

File: USPT

Jan 29, 2002

US-PAT-NO: 6342223

DOCUMENT-IDENTIFIER: US 6342223 B1

TITLE: Immunogenic composition for group B Streptococcus

DATE-ISSUED: January 29, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michel; James L.	Waban	MA		
Kasper; Dennis L.	Newton Centre	MA		
Ausubel; Frederick M.	Newton	MA		
Madoff; Lawrence C.	Boston	MA		

US-CL-CURRENT: [424/190.1](#); [530/350](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 7. Document ID: US 6326167 B1

L21: Entry 7 of 77

File: USPT

Dec 4, 2001

US-PAT-NO: 6326167

DOCUMENT-IDENTIFIER: US 6326167 B1

TITLE: TktA from Streptococcus pneumoniae

DATE-ISSUED: December 4, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chalker; Alison F	Trappe	PA		
Haataja; Sauli J	Turku			FI
Holden; David W	London			GB
Holmes; David J	West Chester	PA		
Ingraham; Karen A	Auburn	PA		
Lau; Gee W	Boston	MA		
Marra; Andrea	Collegeville	PA		
Lonetto; Michael A	Collegeville	PA		
McDevitt; Damien	Berwyn	PA		
Ray; Jennifer	State College	PA		
Yu; Jun	Maple Glen	PA		

US-CL-CURRENT: 435/69.1, 435/193, 435/252.3, 435/254.11, 435/320.1, 435/325, 435/69.7,  
435/70.1, 435/71.1, 536/23.4, 536/23.7

Full Title Citation Front Review Classification Date Reference Sequences Attachments

HTML Draw Desc Image

☐ 8. Document ID: US 6306633 B1

L21: Entry 8 of 77

File: USPT

Oct 23, 2001

US-PAT-NO: 6306633

DOCUMENT-IDENTIFIER: US 6306633 B1

TITLE: Polynucleotides encoding mevalonate kinase from Streptococcus pneumoniae

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wilding; Edwina Imogen	Paoli	PA		
Gwynn; Michael	Chester Springs	PA		
Iordanescu; Mihai-Serban	Jersey City	NJ		

US-CL-CURRENT: 435/193, 435/252.3, 435/320.1, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

HTML Draw Desc Image

☐ 9. Document ID: US 6284884 B1

L21: Entry 9 of 77

File: USPT

Sep 4, 2001

US-PAT-NO: 6284884

DOCUMENT-IDENTIFIER: US 6284884 B1

TITLE: Antigenic group B streptococcus type II and type III polysaccharide fragments having a 2,5-anhydro-D-mannose terminal structure and conjugate vaccine thereof

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michon; Francis	Laurel	MD		
Dong; Catherine	Arlington	VA		
Tai; Joseph Y.	Fort Washington	PA		

US-CL-CURRENT: 536/123; 536/124

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RAW	Draw Desc	Image
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☐ 10. Document ID: US 6251631 B1

L21: Entry 10 of 77

File: USPT

Jun 26, 2001

US-PAT-NO: 6251631

DOCUMENT-IDENTIFIER: US 6251631 B1

TITLE: nadE from Streptococcus pneumoniae

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Biswas; Sanjoy	Paoli	PA		
Burnham; Martin Karl Russel	Barto	PA		
Chalker; Alison Francis	Trappe	PA		
Ingraham; Karen Anne	Auburn	PA		
Traini; Christopher Michael	Media	PA		
Warren; Patrick Vernon	Philadelphia	PA		
Zalacain; Magdalena	West Chester	PA		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/254.11, 435/320.1, 435/471, 435/71.1, 435/71.2,  
530/350, 536/23.1, 536/23.2, 536/24.3, 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RAW	Draw Desc	Image
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☐ 11. Document ID: US 6245906 B1

L21: Entry 11 of 77

File: USPT

Jun 12, 2001

US-PAT-NO: 6245906

DOCUMENT-IDENTIFIER: US 6245906 B1

TITLE: Probes for the diagnosis of infections caused by Streptococcus pyogenes

DATE-ISSUED: June 12, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ueyama; Hiroshi	Osakak			JP
Abe; Kanako	Yawata			JP
Keshi; Hiroyuki	Osaka			JP
Matsuhisa; Akio	Osaka			JP

US-CL-CURRENT: 536/24.32; 435/6, 536/23.1, 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RAW	Draw Desc	Image
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☐ 12. Document ID: US 6245542 B1

L21: Entry 12 of 77

File: USPT

Jun 12, 2001

US-PAT-NO: 6245542

DOCUMENT-IDENTIFIER: US 6245542 B1

TITLE: tRNA methyltransferase from Streptococcus pneumoniae

DATE-ISSUED: June 12, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Biswas; Sanjoy	Paoli	PA		
Bryant; Alexander	Glenmore	PA		
Brown; James Raymond	Berwyn	PA		
Chalker; Alison Francis	Trappe	PA		
Holmes; David John	West Chester	PA		
Ingraham; Karen Anne	Auburn	PA		
So; Chi Young	Havertown	PA		
Van Horn; Stephanie	Pottstown	PA		
Warren; Richard Lloyd	Blue Bell	PA		
Zalacain; Magdalena	West Chester	PA		

US-CL-CURRENT: 435/193

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 13. Document ID: US 6228625 B1

L21: Entry 13 of 77

File: USPT

May 8, 2001

US-PAT-NO: 6228625

DOCUMENT-IDENTIFIER: US 6228625 B1

TITLE: metK from Streptococcus pneumoniae

DATE-ISSUED: May 8, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Biswas; Sanjoy	Paoli	PA		
Brown; James Raymond	Berwyn	PA		
Burnham; Martin Karl Russel	Barto	PA		
Chalker; Alison Francis	Trappe	PA		
Holmes; David John	West Chester	PA		
Ingraham; Karen Anne	Auburn	PA		
So; Chi Young	Havertown	PA		
Warren; Richard Lloyd	Blue Bell	PA		
Zalacain; Magdalena	West Chester	PA		

US-CL-CURRENT: 435/183, 424/208.1, 424/94.1, 424/94.4, 435/15, 435/320.1, 435/325,  
435/366, 435/440, 435/6, 435/69.1, 435/7.8, 435/70.1, 530/300, 530/324, 530/350,  
530/387.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 14. Document ID: US 6217884 B1

L21: Entry 14 of 77

File: USPT

Apr 17, 2001

US-PAT-NO: 6217884

DOCUMENT-IDENTIFIER: US 6217884 B1

TITLE: Streptococcus pneumoniae 37-kDa surface adhesin a protein

DATE-ISSUED: April 17, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sampson; Jacquelyn S.	College Park	GA		
Russell; Harold	Atlanta	GA		
Tharpe; Jean A.	Lithonia	GA		
Ades; Edwin W.	Atlanta	GA		
Carlone; George M.	Stone Mountain	GA		

US-CL-CURRENT: 424/244.1, 424/184.1, 424/190.1, 424/200.1, 435/69.1, 435/69.3, 435/71.1, 530/350, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FORM	Draw Desc	Image
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☐ 15. Document ID: US 6194170 B1

L21: Entry 15 of 77

File: USPT

Feb 27, 2001

US-PAT-NO: 6194170

DOCUMENT-IDENTIFIER: US 6194170 B1

TITLE: MurF of Streptococcus pneumoniae

DATE-ISSUED: February 27, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wallis; Nicola Gail	Wayne	PA		

US-CL-CURRENT: 435/69.1, 435/252.3, 435/320.1, 435/325, 435/455, 435/471, 536/23.1, 536/23.2, 536/23.4, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FORM	Draw Desc	Image
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☐ 16. Document ID: US 6190881 B1

L21: Entry 16 of 77

File: USPT

Feb 20, 2001

US-PAT-NO: 6190881

DOCUMENT-IDENTIFIER: US 6190881 B1

TITLE: Ribonucleotide diphosphate reductase, nrdF, of streptococcus pneumoniae

DATE-ISSUED: February 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Black; Michael Terence	Chester Springs	PA		
Jaworski; Deborah Dee	West Chester	PA		
Kosmatka; Anna Lisa	Doylestown	PA		
Shilling; Lisa Kathleen	Newtown	PA		
Wang; Min	Blue Bell	PA		
Wilding; Edwina Imogen	Paoli	PA		

US-CL-CURRENT: 435/69.1, 435/189, 435/252.3, 435/320.1, 435/471, 536/23.1, 536/23.4,  
536/23.7, 536/24.3, 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 17. Document ID: US 6165991 A

L21: Entry 17 of 77

File: USPT

Dec 26, 2000

US-PAT-NO: 6165991

DOCUMENT-IDENTIFIER: US 6165991 A

TITLE: Sensor histidine kinase of Streptococcus pneumoniae

DATE-ISSUED: December 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Biswas; Sanjoy	Paoli	PA		
Throup; John P	Royersford	PA		
Wallis; Nicola G	Wayne	PA		
Zalacain; Magdalena	West Chester	PA		
Brown; James Raymond	Berwyn	PA		

US-CL-CURRENT: 514/44, 435/252.3, 435/320.1, 435/471, 435/69.1, 536/23.1, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 18. Document ID: US 6165764 A

L21: Entry 18 of 77

File: USPT

Dec 26, 2000

US-PAT-NO: 6165764

DOCUMENT-IDENTIFIER: US 6165764 A

TITLE: Polynucleotides encoding tRNA methyl transferases from Streptococcus pneumoniae

DATE-ISSUED: December 26, 2000

INVENTOR-INFORMATION:



NAME	CITY	STATE	ZIP CODE	COUNTRY
Holmes; David John	West Chester	PA		
Ingraham; Karen Anne	Auburn	PA		
Mathie; Thomas B	Eagleville	PA		
Warren; Richard Lloyd	Blue Bell	PA		
Zalacain; Magdalena	West Chester	PA		
Biswas; Sanjoy	Paoli	PA		
Brown; James Raymond	Berwyn	PA		
So; Chi Young	Havertown	PA		
Chalker; Alison Francis	Trappe	PA		

US-CL-CURRENT: 435/193; 435/252.3, 435/320.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 19. Document ID: US 6162619 A

L21: Entry 19 of 77

File: USPT

Dec 19, 2000

US-PAT-NO: 6162619

DOCUMENT-IDENTIFIER: US 6162619 A

TITLE: Sensor histidine kinase of streptococcus pneumoniae

DATE-ISSUED: December 19, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Biswas; Sanjoy	Paoli	PA		
Bryant; Alexander	Glenmoore	PA		
Ge; Yigong	Royersford	PA		
Holmes; David John	West Chester	PA		
Ingraham; Karen A	Auburn	PA		
Jaworski; Deborah Dee	West Chester	PA		
Marra; Andrea	Collegeville	PA		
Shilling; Lisa Kathleen	Newtown	PA		
Throup; John P.	Royersford	PA		
Wang; Min	Blue Bell	PA		
Wallis; Nicola Gail	Wayne	PA		
Zalacain; Magdalena	West Chester	PA		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/254.11, 435/320.1, 435/325, 435/455, 435/471, 536/23.1, 536/23.2, 536/23.4, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 20. Document ID: US 6162618 A

L21: Entry 20 of 77

File: USPT

Dec 19, 2000

US-PAT-NO: 6162618

DOCUMENT-IDENTIFIER: US 6162618 A

TITLE: 6-phosphogluconate dehydrogenase of Streptococcus pneumoniae

DATE-ISSUED: December 19, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Warren; Richard Lloyd	Blue Bell	PA		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/254.11, 435/320.1, 435/325, 536/23.1, 536/23.2, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 21. Document ID: US 6156537 A

L21: Entry 21 of 77

File: USPT

Dec 5, 2000

US-PAT-NO: 6156537

DOCUMENT-IDENTIFIER: US 6156537 A

TITLE: Phospho-N-acetylmuramoyl-pentapeptide transferase of Streptococcus pneumoniae

DATE-ISSUED: December 5, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fueyo; Joanna Lynn	Philadelphia	PA		
Jaworski; Deborah Dee	West Chester	PA		
Kosmatka; Anna Lisa	Doylestown	PA		
Lonetto; Michael Arthur	Collegeville	PA		
Traini; Christopher Michael	Media	PA		
Wang; Min	Blue Bell	PA		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/254.11, 435/320.1, 435/325, 435/455, 435/471, 536/23.1, 536/23.2, 536/23.4, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 22. Document ID: US 6146846 A

L21: Entry 22 of 77

File: USPT

Nov 14, 2000

US-PAT-NO: 6146846

DOCUMENT-IDENTIFIER: US 6146846 A

TITLE: Primosome protein a of streptococcus pneumoniae

DATE-ISSUED: November 14, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McDevitt; Damien	Berwyn	PA		
Shilling; Lisa K	Newton	PA		
St. John; Annemarie	Pottstown	PA		
Warren; Richard L	Blue Bell	PA		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/254.11, 435/320.1, 435/325, 435/455, 435/471, 536/23.1, 536/23.2, 536/23.4, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC	Draw Desc	Image
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☐ 23. Document ID: US 6130069 A

L21: Entry 23 of 77

File: USPT

Oct 10, 2000

US-PAT-NO: 6130069

DOCUMENT-IDENTIFIER: US 6130069 A

TITLE: IspA from Streptococcus pneumoniae

DATE-ISSUED: October 10, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gwynn; Michael	Chester Springs	PA		
Wilding; Edwina Imogen	Paoli	PA		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/325, 536/23.1, 536/23.2, 536/23.4, 536/23.5, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC	Draw Desc	Image
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☐ 24. Document ID: US 6004754 A

L21: Entry 24 of 77

File: USPT

Dec 21, 1999

US-PAT-NO: 6004754

DOCUMENT-IDENTIFIER: US 6004754 A

TITLE: DNA sequence, related probes and primers for the detection of Streptococcus agalactiae

DATE-ISSUED: December 21, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
You; Qimin	Lutherville	MD		

US-CL-CURRENT: 435/6; 435/91.1, 435/91.2, 536/23.1, 536/24.3, 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC	Draw Desc	Image
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☐ 25. Document ID: US 5968521 A

L21: Entry 25 of 77

File: USPT

Oct 19, 1999

US-PAT-NO: 5968521

DOCUMENT-IDENTIFIER: US 5968521 A

TITLE: Conjugate vaccine for group B Streptococcus

DATE-ISSUED: October 19, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michel; James L.	Waban	MA		
Kasper; Dennis L.	Newton Centre	MA		
Ausubel; Frederick M.	Newton	MA		
Madoff; Lawrence C.	Boston	MA		

US-CL-CURRENT: 424/197.11; 424/244.1, 530/403

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMW	Draw Desc	Image
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☐ 26. Document ID: US 5939404 A

L21: Entry 26 of 77

File: USPT

Aug 17, 1999

US-PAT-NO: 5939404

DOCUMENT-IDENTIFIER: US 5939404 A

TITLE: Cancer metastasis inhibitor containing a streptococcus agalactiae Ia type or Ib type surface polysaccharide as a main ingredient

DATE-ISSUED: August 17, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Iijima; Shinji	Nagoya			JP
Miyake; Katsuhide	Nagoya			JP
Yamamoto; Shin	Nagoya			JP
Yoshida; Yasuko	Nagoya			JP
Kawase; Mitsuo	Nagoya			JP

US-CL-CURRENT: 514/54; 424/244.1, 514/23, 536/123, 536/123.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMW	Draw Desc	Image
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☐ 27. Document ID: US 5919640 A

L21: Entry 27 of 77

File: USPT

Jul 6, 1999

US-PAT-NO: 5919640

DOCUMENT-IDENTIFIER: US 5919640 A

TITLE: Streptococcus suis adhesin protein and method for producing it

DATE-ISSUED: July 6, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tikkanen; Kaarina	Kuopio			FI
Finne; Jukka	Helsinki			FI

US-CL-CURRENT: 435/7.34; 424/234.1, 435/6, 536/23.1, 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMW	Draw Desc	Image
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☐ 28. Document ID: US 5919620 A

L21: Entry 28 of 77

File: USPT

Jul 6, 1999

US-PAT-NO: 5919620

DOCUMENT-IDENTIFIER: US 5919620 A

TITLE: Heat shock protein HSP72 of Streptococcus pneumoniae

DATE-ISSUED: July 6, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brodeur; Bernard R.	Sillery			CA
Martin; Denis	St.-Augustin			CA
Hamel; Josee	Sillery			CA

US-CL-CURRENT: 435/6; 435/4, 435/69.1, 435/963, 536/23.4, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWC	Draw Desc	Image
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☐ 29. Document ID: US 5908629 A

L21: Entry 29 of 77

File: USPT

Jun 1, 1999

US-PAT-NO: 5908629

DOCUMENT-IDENTIFIER: US 5908629 A

TITLE: Conjugate vaccine for group B streptococcus

DATE-ISSUED: June 1, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michel; James L.	Waban	MA		
Kasper; Dennis L.	Newton Centre	MA		
Ausubel; Frederick M.	Newton	MA		
Madoff; Lawrence C.	Boston	MA		

US-CL-CURRENT: 424/197.11; 424/244.1, 530/403

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWC	Draw Desc	Image
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☐ 30. Document ID: US 5863543 A

L21: Entry 30 of 77

File: USPT

Jan 26, 1999

US-PAT-NO: 5863543

DOCUMENT-IDENTIFIER: US 5863543 A

TITLE: Camp factor of streptococcus uberis

DATE-ISSUED: January 26, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jiang; Min	Saskatchewan			CA
Potter; Andrew A.	Saskatchewan			CA
MacLachlan; Philip Ronald	Saskatchewan			CA

US-CL-CURRENT: 424/244.1; 424/130.1, 424/165.1, 424/184.1, 424/185.1, 424/190.1,  
435/253.4, 435/69.1, 435/69.3, 435/70.1, 435/71.1, 514/2, 530/350, 530/412, 530/820,  
530/825

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 31. Document ID: US 5858362 A

L21: Entry 31 of 77

File: USPT

Jan 12, 1999

US-PAT-NO: 5858362

DOCUMENT-IDENTIFIER: US 5858362 A

TITLE: Conjugate vaccine for group B Streptococcus

DATE-ISSUED: January 12, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michel; James L.	Waban	MA		
Kasper; Dennis L.	Newton Centre	MA		
Ausubel; Frederick M.	Newton	MA		
Madoff; Lawrence C.	Boston	MA		

US-CL-CURRENT: 424/165.1; 424/197.11, 435/69.3, 530/403

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 32. Document ID: US 5854416 A

L21: Entry 32 of 77

File: USPT

Dec 29, 1998

US-PAT-NO: 5854416

DOCUMENT-IDENTIFIER: US 5854416 A

TITLE: Streptococcus pneumoniae 37-KDA surface adhesin a protein and nucleic acids coding therefor

DATE-ISSUED: December 29, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sampson; Jacquelyn S.	College Park	GA		
Russell; Harold	Atlanta	GA		
Tharpe; Jean A.	Lithonia	GA		
Ades; Edwin W.	Atlanta	GA		
Carlone; George M.	Stone Mountain	GA		

US-CL-CURRENT: 536/23.7; 424/244.1, 435/320.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 33. Document ID: US 5847081 A

L21: Entry 33 of 77

File: USPT

Dec 8, 1998

US-PAT-NO: 5847081

DOCUMENT-IDENTIFIER: US 5847081 A

TITLE: Conjugate vaccine for group B Streptococcus

DATE-ISSUED: December 8, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michel; James L.	Waban	MA		
Kasper; Dennis L.	Newton Centre	MA		
Ausubel; Frederick M.	Newton	MA		
Madoff; Lawrence C.	Boston	MA		

US-CL-CURRENT: 530/350; 435/253.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RVMC	Draw Desc	Image
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☐ 34. Document ID: US 5843444 A

L21: Entry 34 of 77

File: USPT

Dec 1, 1998

US-PAT-NO: 5843444

DOCUMENT-IDENTIFIER: US 5843444 A

TITLE: Conjugate vaccine for group B streptococcus

DATE-ISSUED: December 1, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michel; James L.	Waban	MA		
Kasper; Dennis L.	Newton	MA		
Ausubel; Frederick M.	Newton	MA		
Madoff; Lawrence C.	Boston	MA		

US-CL-CURRENT: 424/165.1; 424/197.11, 424/244.1, 530/403

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RVMC	Draw Desc	Image
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☐ 35. Document ID: US 5820860 A

L21: Entry 35 of 77

File: USPT

Oct 13, 1998

US-PAT-NO: 5820860

DOCUMENT-IDENTIFIER: US 5820860 A

TITLE: Conjugate vaccine for group B streptococcus

DATE-ISSUED: October 13, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michel; James L.	Waban	MA		
Kasper; Dennis L.	Newton Centre	MA		
Ausubel; Frederick M.	Newton	MA		
Madoff; Lawrence C.	Boston	MA		

US-CL-CURRENT: 424/165.1; 424/197.11, 530/403

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWC	Draw Desc	Image
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☐ 36. Document ID: US 5738987 A

L21: Entry 36 of 77

File: USPT

Apr 14, 1998

US-PAT-NO: 5738987

DOCUMENT-IDENTIFIER: US 5738987 A

TITLE: 16S ribosomal nucleic acid probes to streptococcus pneumoniae

DATE-ISSUED: April 14, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Milliman; Curt L.	St. Louis	MO		

US-CL-CURRENT: 435/6; 536/23.7, 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWC	Draw Desc	Image
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☐ 37. Document ID: US 5648241 A

L21: Entry 37 of 77

File: USPT

Jul 15, 1997

US-PAT-NO: 5648241

DOCUMENT-IDENTIFIER: US 5648241 A

TITLE: Conjugate vaccine against group B streptococcus

DATE-ISSUED: July 15, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Michel; James L.	Waban	MA		
Kasper; Dennis L.	Newton Centre	MA		
Ausubel; Frederick M.	Newton	MA		
Madoff; Lawrence C.	Boston	MA		

US-CL-CURRENT: 435/69.3; 435/252.33, 435/253.4, 435/320.1, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWC	Draw Desc	Image
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☐ 38. Document ID: US 5232831 A

L21: Entry 38 of 77

File: USPT

Aug 3, 1993



US-PAT-NO: 5232831

DOCUMENT-IDENTIFIER: US 5232831 A

TITLE: Nucleic acid probes to streptococcus pyogenes

DATE-ISSUED: August 3, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Milliman; Curt L.	St. Louis	MO		
Hammond; Philip W.	San Diego	CA		

US-CL-CURRENT: 435/6; 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 39. Document ID: US 5225331 A

L21: Entry 39 of 77

File: USPT

Jul 6, 1993

US-PAT-NO: 5225331

DOCUMENT-IDENTIFIER: US 5225331 A

TITLE: Immunoassay for detecting group B streptococcus

DATE-ISSUED: July 6, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lacroix; Martial	Laval			CA
Feldman; Robert	London			GB2
Kasper; Dennis L.	Boston	MA		
Jennings; Harold J.	Gloucester			CA
Michon; Francis	Ottawa			CA
Chalifour; Robert J.	Laval			CA
Pozsgay; Vince	Rockville	MD		

US-CL-CURRENT: 435/7.34; 435/259, 435/29, 435/7.9, 435/7.94, 435/961, 435/975,  
530/388.4, 530/389.5, 530/391.1, 530/391.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 40. Document ID: US 4970070 A

L21: Entry 40 of 77

File: USPT

Nov 13, 1990

US-PAT-NO: 4970070

DOCUMENT-IDENTIFIER: US 4970070 A

TITLE: Protective monoclonal antibody compositions for infections due to group B streptococcus

DATE-ISSUED: November 13, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Raff; Howard V.	Seattle	WA		

US-CL-CURRENT: 424/142.1; 424/150.1, 424/802, 424/803, 424/808, 435/340, 435/70.21,  
435/948, 436/548, 530/388.15, 530/388.4, 530/808, 530/809, 530/865

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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PMC	Draw Desc	Image
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